AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. **(Currently Amended)** In a wireless communication system comprising a base station connected with a mobile unit, a method of synchronizing at least one neighboring base station to the base station connected with the mobile unit, the method comprising:

from the base station connected with the mobile unit, sending call parameters and rough synchronization information to the at least one neighboring base station, said call parameters being related to a connection between the mobile unit and the base station connected with the mobile unit; and

at the at least one neighboring base station, monitoring transmissions of at least one of:

the base station connected with the mobile unit;

the mobile unit; and

a beacon signal from a beacon transmitter which is within range of the at least one neighboring base station and the base station connected with the mobile unit.

2. **(Original)** Method, according to claim 1, wherein the mobile unit is a device selected from the group consisting of:

telephone handset, standard cordless telephone handset, cellular telephone handset, personal data device, personal digital assistant (PDA), computer, laptop computer, e-mail server, a device utilizing point-to-point protocol (PPP) to the

Internet via a central remote access server, a headset, a personal server, a wearable computer, a wireless camera, and a mobile music player.

3.   (Previously Presented) In a wireless communication system comprising a base station connected with a mobile unit, a method of detecting and synchronizing with the mobile unit prior to receiving a handoff of a session with the mobile unit, comprising:

from the base station connected with the mobile unit, sending rough synchronization information to at least one neighboring base station;

at the neighboring base station, performing a wide-range search for "target" signals having the correct timing for a mobile unit, based on the rough synchronization information provided by the base station which is connected with the mobile unit;

narrowing the search for an actual signal from the mobile unit;

acquiring the target signal; and

synchronizing the neighboring base station to the base station connected with the mobile unit.

4.   (Original) Method, according to claim 3, wherein:

the mobile unit is equipped with a short-range wireless communication transmitter/receiver.

5.   (Original) Method, according to claim 3, wherein the mobile unit is a device selected from the group consisting of:

telephone handset, standard cordless telephone handset, cellular telephone handset, personal data device, personal digital assistant (PDA), computer, laptop computer, e-mail server, a device utilizing point-to-point protocol (PPP) to the

Internet via a central remote access server a headset, a personal server, a wearable computer, a wireless camera, and a mobile music player.

6. **(Previously presented)** Method, according to claim 3, further comprising:

providing communication links between the base stations, wherein the communication links between the base stations are selected from the group consisting of RF links and land lines; and

transferring connection status information and rough synchronization information between the base stations over the communications links.

7. **(Previously presented)** Method, according to claim 3, wherein:

the base stations and the switch are connected via a wired or wireless local area network (LAN).

8. **(Original)** Method, according to claim 3, wherein:

the wireless communication system comprises a wireless private branch exchange (WPBX) handling calls from mobile units comprising handsets.

9. **(Canceled)**

10. **(previously presented)** Method, according to claim 1, wherein the base station connected with the mobile unit sends said call parameters and said rough synchronization information to the at least one neighboring base station over a LAN.

11. **(New)** A system comprising:

a first wireless communication base station able to:

monitor transmissions of at least one of a mobile unit, a second base station connected to said mobile unit, and a beacon signal from a beacon transmitter which is within range of said first and second base stations; and

synchronize said first base station to said second base station based on the monitored transmissions, and on call parameters and rough synchronization information received from said second base station, said call parameters being related to a connection between the mobile unit and the second base station.

12.   (New) The system of claim 11, wherein said mobile unit comprises a device selected from the group consisting of a telephone handset, a standard cordless telephone handset, a cellular telephone handset, a personal data device, a personal digital assistant, a computer, a laptop computer, an e-mail server, a device utilizing point-to-point protocol to the Internet via a central remote access server, a headset, a personal server, a wearable computer, a wireless camera, and a mobile music player.

13.   (New) The system of claim 11 comprising a local area network to transfer said call parameters and said rough synchronization information from said second base station to said first base station.

14.   (New) A wireless communication base station able to synchronize to a another base station connected to a mobile unit, said wireless base station comprising:

a synchronization module able to:

receive rough synchronization information from the base station connected to said mobile unit;

perform, based on the rough synchronization information, a wide-range search for a target signal having a correct timing for said mobile unit;

narrow the search for an actual signal from said mobile unit;

acquire the target signal; and

synchronize to the base station connected with said mobile unit.

15. **(New)** The wireless communication base station of claim 14, wherein said mobile unit comprises a device selected from the group consisting of a telephone handset, a standard cordless telephone handset, a cellular telephone handset, a personal data device, a personal digital assistant, a computer, a laptop computer, an e-mail server, a device utilizing point-to-point protocol to the Internet via a central remote access server, a headset, a personal server, a wearable computer, a wireless camera, and a mobile music player.

16. **(New)** The wireless communication base station of claim 14, wherein said wireless communication base station is able to receive said rough synchronization information from the base station connected to said mobile unit over a local area network.